Cumulative index

Journal of the Biological Photographic Association
Volume 1 to 47
1932 to 1979

Journal of Biological Photography
Volume 48 to 52
1980 to 1984

A cumulative index can be a very valuable resource when researching a problem and its historical development, writing a paper, or studying a specific area within a broader field.

With the rapid change that is occurring in the field of biophotography, one can easily feel that the practice of biophotography in the 1980's carries no resemblance to that practiced in the 1930's or 1940's. As Nancy Hurtgen and I put this cumulative index of 52 volumes together, we were impressed with how little some things have changed. Biophotographers have long been concerned about slide legibility. Also, as each title and author of all 1150 articles were entered into our computer, we could see that various sub-disciplines developed, matured and eventually seemed to disappear, for example Super-8 mm film.

In the early days, the *Journal* pages contained reports of chemical formulations. Today biophotographers usually leave those things to the manufacturers, and I suspect that computer programs may fill the *Journal* pages where those "recipes" once were reproduced.

For those readers who are new to the *Journal of Biological Photography*, it is the official publication of the Biological Photographic Association. The present name was adopted in 1980. The *Journal of the Biological Photographic Association* had been it's name since its inception in 1932.

This cumulative index was developed on a personal computer with the dBase II software program. As each article title was entered into the database, special markers were placed before and after key words of the title to denote how each article would be sorted and alphabetized. Each entry contained the complete title with one to five or six markers, the author or authors, and volume, issue number, and page numbers for the article.

The database was then printed and corrected several times with a computer printer for proofing purposes. With the raw data in place and several more passes on the computers of the programmer and the typesetter, one diskette of 340,000 characters was used to drive a digital phototypesetter. The photo output was preprogrammed to yield full pages with page numbers, running heads and two columns of type just as you see on the following pages.

The day is already here when previously laborious and expensive tasks can be accomplished with a personal computer.

Thomas P. Hurtgen, FBPA

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